

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53	(MAC or ("message authentication code")) same ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 15:56
L2	12	L1 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 15:57
L3	3	(MAC or ("message authentication code")) same ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near3 (account or number or code) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 15:57
L4	0	L3 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:09
L5	8	(MAC or ("message authentication code")) and ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near3 (account or number or code) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 15:58
L6	3	L5 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:00
L7	13	((("message digest" or HMAC) same ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 15:59
L8	1	L7 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:03
L9	6	(MAC or ("message authentication code")) same ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:00

*considered*

L10	1	L9 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:01
L11	22	(MAC or ("message authentication code")) and ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:00 <i>considered</i>
L12	4	L11 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:00
L13	1	hash\$ same ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:01
L14	0	L13 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:01
L15	14	hash\$ and ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:01 <i>considered</i>
L16	1	L15 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:02
L17	6	(MAC or ("message authentication code")) same ((anonymous or alias or proxy or disposable or pseudo or pseudonym) near4 (card))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:02 <i>considered</i>
L18	1	L17 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:03

L19	7	((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC)) same ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:03 <i>considered</i>
L20	1	L19 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:04
L21	35	((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC)) and ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near5 ((expire or expiration or termination or ending or end) near3 date))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:04 <i>considered</i>
L22	5	L21 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:05
L23	209	((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC)) same ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:04 <i>considered</i>
L24	42	L23 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:06
L25	43	((convert\$ or hash\$ or transform\$) near4 ((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC))) same ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:09 <i>considered</i>
L26	12	L25 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:11

L27	18	((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC)) same (((expire or expiration or termination or ending or end) near3 date) near4 field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:10 <i>considered</i>
L28	3	L27 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:11
L29	57	MD5 same ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:10 <i>considered</i>
L30	7	L29 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:11
L31	14	((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC)) same (anonymous or alias or proxy or disposable or pseudo or pseudonym)) same ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:10 <i>considered</i>
L32	4	L31 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:12
L33	7	substitute near4 ((expire or expiration or termination or ending or end) near3 date)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:11 <i>considered</i>
L34	4	L33 and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:13

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	198	705/64-79.ccls. and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:17
L2	67	713/150.ccls. and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:18
L3	94	380/277.ccls. and @pd>"20040413"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:18
L4	127	((MAC or ("message authentication code") or hash\$ or "message digest" or HMAC)) and (1 or 2 or 3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/02 16:19

*Considered*

Set	Items	Description
S1	4	PSEUDO()(EXPIRY OR EXPIRATION OR EXPIR??? OR DATE? ? OR DE-ADLINE? ?)
S2	90	(TEMPORARY OR ALIAS OR PROXY OR SUBSTITUTE OR DISGUISE?? OR SUBROGAT??? OR REPLACEMENT OR ALTERNATIVE OR ALTERNATE OR FALSE OR SINGLE()USE OR ONETIME()USE OR ONE()TIME()USE)() (EXPIR-??? OR EXPIRATION? ? OR EXPIRY)
S3	11473	(PERCARD OR PER()CARD OR SECRET OR PRIVATE)() (KEY OR KEYS)
S4	7075791	INTERNET
S5	8542738	NETWORK? ?
S6	5131411	ONLINE OR ON()LINE
S7	1224304	WORLD()WIDE()WEB
S8	15559	(AUTHENTIC?????? OR AUTHORIZ?????? OR AUTHORIZ?????? OR IDENTIFICAT?????? OR VERIFICAT?????? OR VERIFY????? OR VERIFIABL-??? OR VALIDAT??????)() (CODE? ? OR KEY? ? OR REQUEST? ?)
S9	2062873	ERETAIL OR ECOMMERCE OR EBUSINESS OR ETAIL OR (E OR ELECTRONIC)() (RETAIL OR COMMERCE OR BUSINESS OR TAIL)
S10	447511	(COMMERCIAL OR BUSINESS OR FINANCIAL OR ELECTRONIC OR CASHLESS OR CREDIT()CARD? ?)(2W) (PAYMENT? ? OR TRANSACTION? ? OR FUND? ?)()TRANSFER?????)
S11	65269	(SECURE? ? OR GUARANTEE? ? OR PROTECT?? OR ENCOD?? OR ENCRYPT??)() (PAYMENT? ? OR APPLICATION? ? OR TRANSACTION? ? OR EXCHANGE? ? OR TRADE? ? OR FUND? ?)()TRANSFER?????)
S12	7103	TRANSACTION()SEQUENCE()NUMBER? ? OR ETSN OR TSN
S13	736	PSEUDO()(ACCOUNT? ? OR NUMBER? ? OR ACQUIRER? ? OR CODE? ? OR KEY OR KEYS)
S14	830	S1 OR S2 OR S13
S15	2	S14 AND (S3 OR S12)
S16	423	S14 AND S4:S7
S17	117	S16 AND S8:S11
S18	122	S1 OR S15 OR S17
S19	51	S18 AND PY<2001
S20	29	RD (unique items)

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File 634:San Jose Mercury Jun 1985-2004/Apr 17

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Set	Items	Description
S1	5	PSEUDO() (EXPIRY OR EXPIRATION OR EXPIR??? OR DATE? ? OR DEADLINE? ?)
S2	39	(TEMPORARY OR ALIAS OR PROXY OR SUBSTITUTE OR DISGUISE?? OR SUBROGAT??? OR REPLACEMENT OR ALTERNATIVE OR ALTERNATE OR FALSE OR SINGLE()USE OR ONETIME()USE OR ONE()TIME()USE) () (EXPIR-??? OR EXPIRATION? ? OR EXPIRY)
S3	1197	(PERCARD OR PER()CARD OR SECRET OR PRIVATE) () (KEY OR KEYS)
S4	974940	INTERNET
S5	1498439	NETWORK? ?
S6	766123	ONLINE OR ON()LINE
S7	216103	WORLD()WIDE()WEB
S8	2483	(AUTHENTIC?????? OR AUTHORIZ?????? OR AUTHORIZ?????? OR IDENTIFICAT?????? OR VERIFICAT?????? OR VERIFY????? OR VERIFIABL-??? OR VALIDAT??????) () (CODE? ? OR KEY? ? OR REQUEST? ?)
S9	149103	ERETAIL OR ECOMMERCE OR EBUSINESS OR ETAIL OR (E OR ELECTRONIC) () (RETAIL OR COMMERCE OR BUSINESS OR TAIL)
S10	76000	(COMMERCIAL OR BUSINESS OR FINANCIAL OR ELECTRONIC OR CASHLESS OR CREDIT()CARD? ?) (2W) (PAYMENT? ? OR TRANSACTION? ? OR FUND? ?) (TRANSFER?????)
S11	7908	(SECURE? ? OR GUARANTEE? ? OR PROTECT?? OR ENCOD?? OR ENCRYPT??) () (PAYMENT? ? OR APPLICATION? ? OR TRANSACTION? ? OR EXCHANGE? ? OR TRADE? ? OR FUND? ?) (TRANSFER?????)
S12	4953	TRANSACTION()SEQUENCE()NUMBER? ? OR ETSN OR TSN
S13	104	PSEUDO() (ACCOUNT? ? OR NUMBER? ? OR ACQUIRER? ? OR CODE? ? OR KEY OR KEYS)
S14	148	S1 OR S2 OR S13
S15	0	S14 AND (S3 OR S12)
S16	58	S14 AND S4:S7
S17	20	S14 AND S8:S11
S18	18	S16 AND S17
S19	97	S1:S2 OR S16:S18
S20	69	S19 AND PY<2001
S21	66	RD (unique items)

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Set	Items	Description
S1	4	PSEUDO() (EXPIRY OR EXPIRATION OR EXPIR??? OR DATE? ? OR DEADLINE? ?)
S2	1	(TEMPORARY OR ALIAS OR PROXY OR SUBSTITUTE OR DISGUISE?? OR SUBROGAT??? OR REPLACEMENT OR ALTERNATIVE OR ALTERNATE OR FALSE OR SINGLE()USE OR ONETIME()USE OR ONE()TIME()USE) () (EXPIR-??? OR EXPIRATION? ? OR EXPIRY)
S3	2505	(PERCARD OR PER()CARD OR SECRET OR PRIVATE) () (KEY OR KEYS)
S4	325465	INTERNET
S5	1231552	NETWORK? ?
S6	241749	ONLINE OR ON()LINE
S7	43413	WORLD()WIDE()WEB
S8	1480	(AUTHENTIC?????? OR AUTHORIZ?????? OR AUTHORIZ?????? OR IDENTIFICAT?????? OR VERIFICAT?????? OR VERIFY???? OR VERIFIABL-??? OR VALIDAT??????) () (CODE? ? OR KEY? ? OR REQUEST? ?)
S9	57686	ERETAIL OR ECOMMERCE OR EBUSINESS OR ETAIL OR (E OR ELECTRONIC) () (RETAIL OR COMMERCE OR BUSINESS OR TAIL)
S10	13700	(COMMERCIAL OR BUSINESS OR FINANCIAL OR ELECTRONIC OR CASHLESS OR CREDIT()CARD? ?) (2W) (PAYMENT? ? OR TRANSACTION? ? OR FUND? ?) (TRANSFER?????)
S11	1461	(SECURE? ? OR GUARANTEE? ? OR PROTECT?? OR ENCOD?? OR ENCRYPT??) () (PAYMENT? ? OR APPLICATION? ? OR TRANSACTION? ? OR EXCHANGE? ? OR TRADE? ? OR FUND? ?) (TRANSFER?????)
S12	111	TRANSACTION()SEQUENCE()NUMBER? ? OR ETSN OR TSN
S13	322	PSEUDO() (ACCOUNT? ? OR NUMBER? ? OR ACQUIRER? ? OR CODE? ? OR KEY OR KEYS)
S14	5	S1:S2
S15	0	S13 AND S12
S16	1	S13 AND S3
S17	44	S13 AND S4:S7
S18	2	S13 AND S8:S11
S19	51	S14:S18
S20	40	S19 AND PY<2001
S21	41	S20 OR S14
S22	37	RD (unique items)

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Set	Items	Description
S1	12	PSEUDO() (EXPIRY OR EXPIRATION OR EXPIR??? OR DATE? ? OR DEADLINE? ?)
S2	10	(TEMPORARY OR ALIAS OR PROXY OR SUBSTITUTE OR DISGUISE?? OR SUBROGAT??? OR REPLACEMENT OR ALTERNATIVE OR ALTERNATE OR FALSE) () (EXPIR??? OR EXPIRATION? ? OR EXPIRY)
S3	6340	(PERCARD OR PER()CARD OR SECRET OR PRIVATE) () (KEY OR KEYS)
S4	73699	INTERNET
S5	210565	NETWORK? ?
S6	72295	ONLINE OR ON()LINE
S7	12761	WORLD()WIDE()WEB
S8	15766	(AUTHENTIC?????? OR AUTHORIZ?????? OR AUTHORIZ?????? OR IDENTIFICAT?????? OR VERIFICAT?????? OR VERIFY????? OR VERIFIABLE??? OR VALIDAT??????) () (CODE? ? OR KEY? ? OR REQUEST? ?)
S9	7914	ERETAIL OR ECOMMERCE OR EBUSINESS OR ETAIL OR (E OR ELECTRONIC) () (RETAIL OR COMMERCE OR BUSINESS OR TAIL)
S10	9758	(COMMERCIAL OR BUSINESS OR FINANCIAL OR ELECTRONIC OR CASHLESS OR CREDIT()CARD? ?) (2W) (PAYMENT? ? OR TRANSACTION? ? OR FUND? ?) (TRANSFER?????)
S11	2466	(SECURE? ? OR GUARANTEE? ? OR PROTECT?? OR ENCOD?? OR ENCRYPT??) () (PAYMENT? ? OR APPLICATION? ? OR TRANSACTION? ? OR EXCHANGE? ? OR TRADE? ? OR FUND? ?) (TRANSFER?????)
S12	641	TRANSACTION()SEQUENCE()NUMBER? ? OR ETSN OR TSN
S13	2567	PSEUDO() (ACCOUNT? ? OR NUMBER? ? OR ACQUIRER? ? OR CODE? ? OR KEY OR KEYS)
S14	174025	IC=(G06F? OR H04K? OR H04L?)
S15	22	S1:S2
S16	1843	S13 AND S4:S7
S17	126	S16 AND S3
S18	8	S16 AND S12
S19	92	S17 AND S8:S11
S20	295	S16 AND S8:S11
S21	295	S19:S20
S22	231	S21 AND S14
S23	295	S21:S22
S24	118	S23 AND PY<2001
S25	144	S15 OR S18 OR S24
S26	144	IDPAT (sorted in duplicate/non-duplicate order)

? show files

File 348:EUROPEAN PATENTS 1978-2004/Apr W02

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File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408

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Set	Items	Description
S1	1	PSEUDO() (EXPIRY OR EXPIRATION OR EXPIR??? OR DATE? ? OR DEADLINE? ?)
S2	0	(TEMPORARY OR ALIAS OR PROXY OR SUBSTITUTE OR DISGUISE?? OR SUBROGAT??? OR REPLACEMENT OR ALTERNATIVE OR ALTERNATE OR FALSE) () (EXPIR??? OR EXPIRATION? ? OR EXPIRY)
S3	3375	(PERCARD OR PER()CARD OR SECRET OR PRIVATE) () (KEY OR KEYS)
S4	89933	INTERNET
S5	337264	NETWORK? ?
S6	37340	ONLINE OR ON()LINE
S7	2306	WORLD()WIDE()WEB
S8	13539	(AUTHENTIC?????? OR AUTHORIZ?????? OR AUTHORIZ?????? OR IDENTIFICAT?????? OR VERIFICAT?????? OR VERIFY????? OR VERIFIABLE??? OR VALIDAT??????) () (CODE? ? OR KEY? ? OR REQUEST? ?)
S9	7177	ERETAIL OR ECOMMERCE OR EBUSINESS OR ETAIL OR (E OR ELECTRONIC) () (RETAIL OR COMMERCE OR BUSINESS OR TAIL)
S10	9125	(COMMERCIAL OR BUSINESS OR FINANCIAL OR ELECTRONIC OR CASHLESS OR CREDIT()CARD? ?) (2W) (PAYMENT? ? OR TRANSACTION? ? OR FUND? ?) (TRANSFER?????)
S11	707	(SECURE? ? OR GUARANTEE? ? OR PROTECT?? OR ENCOD?? OR ENCRYPT??) () (PAYMENT? ? OR APPLICATION? ? OR TRANSACTION? ? OR EXCHANGE? ? OR TRADE? ? OR FUND? ?) (TRANSFER?????)
S12	165	TRANSACTION()SEQUENCE()NUMBER? ? OR ETSN OR TSN
S13	157	PSEUDO() (ACCOUNT? ? OR NUMBER? ? OR ACQUIRER? ? OR CODE? ? OR KEY OR KEYS)
S14	1355732	IC=(G06F? OR H04K? OR H04L?)
S15	158	S1 OR S2 OR S13
S16	93	S15 AND S14
S17	158	S15:S16
S18	4	S17 AND S3
S19	18	S17 AND S4:S7
S20	5	S17 AND S8:S12
S21	19	S18:S20
S22	19	IDPAT (sorted in duplicate/non-duplicate order)

? show files

File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200425

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*E/C Search  
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Set	Items	Description
S1	26	AU=(HOGAN E? OR HOGAN, E?)
S2	340	AU=(CAMPBELL C? OR CAMPBELL, C?)
S3	613	SECURE(2W) (PAYMENT? ? OR TRANSACTION? ?)
S4	1355732	IC=(G06F? OR H04K? OR H04L?)
S5	42	S1:S2 AND S3:S4
S6	42	IDPAT (sorted in duplicate/non-duplicate order)

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File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200425

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\*File 610: File 610 now contains data from 3/99 forward.  
Archive data (1986-2/99) is available in File 810.

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\*File 624: Homeland Security & Defense and 9 Platt energy journals added  
Please see HELP NEWS624 for more

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File 148:Gale Group Trade & Industry DB 1976-2004/Apr 13  
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File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

\*File 583: This file is no longer updating as of 12-13-2002.

File 65:Inside Conferences 1993-2004/Apr W1  
(c) 2004 BLDSC all rts. reserv.

File 2:INSPEC 1969-2004/Apr W1  
(c) 2004 Institution of Electrical Engineers

\*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.

File 474:New York Times Abs 1969-2004/Apr 12  
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/Apr 12  
(c) 2004 The New York Times

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Mar

(c) 2004 The HW Wilson Co.  
File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar  
(c)2004 Info.Sources Inc  
File 348:EUROPEAN PATENTS 1978-2004/Apr W01  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040408,UT=20040401  
(c) 2004 WIPO/Univentio  
File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)  
(c) 2004 JPO & JAPIO  
\*File 347: JAPIO data problems with year 2000 records are now fixed.  
Alerts have been run. See HELP NEWS 347 for details.

Set	Items	Description
S1	472543	(MAC OR (MESSAGE(W)AUTHENTICATION(W)CODE))
S2	125	S1 (S) ((EXPIRE OR EXPIRATION OR TERMINATION OR ENDING OR - END) (N3) DATE)
S3	53	((ANONYMOUS OR ALIAS OR PROXY OR DISPOSABLE OR PSEUDO OR - PSEUDONYM) (N4) ((EXPIRE OR EXPIRATION OR TERMINATION OR END- ING OR END) (N3) DATE))
S4	10	S3 AND PD<20000411
S5	20	S2 AND PD<20000411

*Considered*